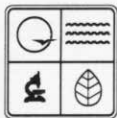


APR 13 2007

FORM OGC-3



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM

**APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK**

☒ APPLICATION TO DRILL    ☐ DEEPEN    ☐ PLUG BACK    ☐ FOR AN OIL WELL    ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR  
**OSBORN ENERGY, LLC**

DATE  
**3/16/2007**

ADDRESS  
**24850 FARLEY**

CITY  
**BUCYRUS**

STATE  
**KS**

ZIP CODE  
**66013**

**DESCRIPTION OF WELL AND LEASE**

NAME OF LEASE  
**OSBORN**

WELL NUMBER  
**60-17 WSW**

ELEVATION (GROUND)  
**990**

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES)  
**2600** ft. from ☒ North ☐ South section line **330** ft. from ☒ East ☐ West section line

WELL LOCATION  
**Sec. 17 Township 43 North Range 33** ☐ East ☒ West

LATITUDE \_\_\_\_\_ LONGITUDE \_\_\_\_\_ COUNTY  
**CASS**

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE **330** FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE **155** FEET

PROPOSED DEPTH  
**800'**

DRILLING CONTRACTOR, NAME AND ADDRESS  
**OSBORN ENERGY, LLC**

ROTARY OR CABLE TOOLS  
**AIR**

APPROX. DATE WORK WILL START  
**3/16/2007**

NUMBER OF ACRES IN LEASE  
**4000**

NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR **14**

NUMBER OF ABANDONED WELLS ON LEASE **NONE**

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?  
NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_

NO. OF WELLS    PRODUCING **7**  
                         INJECTION **3**  
                         INACTIVE **3**  
                         ABANDONED **0**

STATUS OF BOND    ☐ SINGLE WELL AMOUNT \$ \_\_\_\_\_    ☒ BLANKET BOND AMOUNT \$ **34000.00**    ☒ ON FILE ☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
20'	10 1/2"	40.5	TO SURFACE	20'	10 1/2"	40.5	Portland to Surface
600'	7"	17	TO SURFACE	600'	7"	17	Portland to Surface
			Portland				

I, the Undersigned, state that I am the AGENT of the OELLC (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE *Matthew S. Le...* DATE **2007 Apr 11, 2007**

PERMIT NUMBER **20794**

☒ DRILLER'S LOG REQUIRED    ☒ E-LOGS REQUIRED IF RUN

APPROVED DATE **4-19-07**

☒ CORE ANALYSIS REQUIRED IF RUN    ☒ DRILL SYSTEM TEST INFO REQUIRED IF RUN

APPROVED BY *Matthew S. Le...*

☐ SAMPLES REQUIRED    ☒ SAMPLES NOT REQUIRED

☐ WATER SAMPLES REQUIRED AT

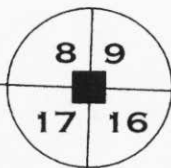
**NOTE** ► THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, AGENT of the OELLC (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE *Matthew S. Le...* DATE **Apr 11, 2007**

NORTHWEST CORNER  
SECTION 17-43-33



SECTION LINE

SECTION LINE

2145'

2475'

PROPOSED GAS  
WELL NO. 47

PROPOSED GAS  
WELL NO. 46

PROPOSED GAS  
WELL NO. 44

PROPOSED GAS  
WELL NO. 45

PROPOSED GAS  
WELL NO. 43

PROPOSED GAS  
WELL NO. 53

PROPOSED GAS  
WELL NO. 54

PROPOSED GAS  
WELL NO. 56

PROPOSED GAS  
WELL NO. 52

PROPOSED GAS  
WELL NO. 55

SOUTHEAST CORNER  
SECTION 17-43-33



0 200



PROPOSED GAS WELL



FOUND MONUMENT @ SECTION CORNER

FOR: OSBORN ENERGY

GAS WELL LOCATIONS



JOHN RENNER  
LAND SURVEYOR  
6247 BROOKSIDE BOULEVARD  
SUITE 204  
KANSAS CITY, MO 64113  
316-333-8841

NOTES:

THIS IS NOT A BOUNDARY SURVEY. IT IS FOR  
PROPOSED GAS WELL LOCATION.

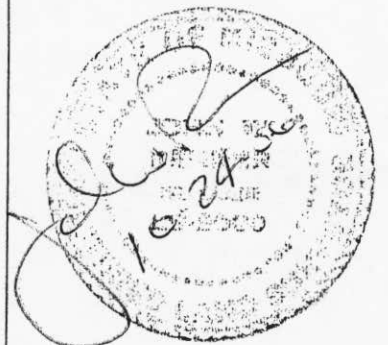
RECEIVED

NOV 01 2006

Mo Oil & Gas Council

DATE: 10-20-2006

JOB No.: 10-06-024



## WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

RECEIVED

water supply well

FORM OGC-5

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☐ OIL ☐ GAS ☐ DRY

OWNER <b>OSBORN ENERGY, LLC</b>		ADDRESS <b>24850 FARLEY BUCYRUS, KS 66013</b>	
LEASE NAME <b>Osborn</b>		WELL NUMBER <b>60-17 WS</b>	
LOCATION OF WELL <b>Sec. 17 Township 43 North, Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 2600 ft. from <input checked="" type="checkbox"/> North <input type="checkbox"/> South 330 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West</b>		LATITUDE	LONGITUDE
COUNTY <b>Cass</b>	PERMIT NUMBER (OGC-3 OR OGC-31) <b>20794</b>		
DATE SPUDDED <b>3/16/2007</b>	DATE TOTAL DEPTH REACHED <b>3/16/2007</b>	DATE COMPLETED READY TO PRODUCE OR INJECT <b>3/26/2007</b>	ELEVATION (DF, RKR, RT, OR Gr.) FEET <b>990</b>
TOTAL DEPTH <b>987</b>	ELEVATION OF CASING HD. FLANGE <b>FEET</b>		
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION		ROTARY TOOLS USED (INTERVAL) ____ TO ____ DRILLING FLUID USED <i>air</i>	CABLE TOOLS USED (INTERVAL)
WAS THIS WELL DIRECTIONALLY DRILLED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WAS DIRECTIONAL SURVEY MADE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WAS COPY OF DIRECTIONAL SURVEY FILED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	DATE FILED
TYPE OF ELECTRICAL OR OTHER LOGS RUN (JUST LOGS FILED WITH THE STATE GEOLOGIST)			DATE FILED

## CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL – CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	13"	10 3/4"		21.40'	3	
Production	9 1/4"	7"		821.15	unknown	

## TUBING RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
INCH	FEET	FEET	INCH	FEET	FEET		FEET

## LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
INCH	FEET	FEET	INCH	FEET	FEET		FEET

## PERFORATION RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
None				

## ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
None				

## INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION			PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING – IF PUMPING, SHOW SIZE AND TYPE OF PUMP.)				
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST  BBLS	GAS PRODUCED DURING TEST  MCF		WATER PRODUCED DURING TEST  BBLS	OIL GRAVITY  API (CORR.)
TUBING PRESSURE	CASING PRESSURE	CALCULATED RATE OF PRODUCTION PER 24 HOURS		OIL  BBLS	GAS  MCF	WATER  BBLS	GAS OIL RATIO
DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)							
METHOD OF DISPOSAL OF MUD PIT CONTENTS							

**CERTIFICATE:** I, the Undersigned, state that I am the agent of the Osborn Energy, LLC (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

DATE	SIGNATURE
1/22/2010	<i>Austin Hansen</i>

**INSTRUCTIONS:** Attach drillers log or other acceptable log of well.

- \* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

**DETAIL OF FORMATIONS PENETRATED**

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * ABOVE)
			No Geo Report Available